

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ02/00130

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G02F 1/1335

US CL : 349/61

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 349/61, 385/115, 385/116, 385/120

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
East

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,764,845 A (Nagatani et al.) 09 June 1998 (09.06.1998); Figs. 1A-2B, 15 and 16; col. 1, lines 6-19; and col. 7, line 63 through col. 8, line 39.	1-7, 21-29 and 31 ----- 8-17, 19 and 20
Y	US 5,321,789 A (Kida et al.) 14 June 1994 (14.06.1994); Figs. 1, 2, 6, 7 and 14; col. 5, lines 44-52; col. 6, lines 30-45; col. 8, lines 60-68; and col. 9, lines 17-33.	
X	US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Figs. 1, 2A, 2B, 14; col. 2, lines 50-56; and col. 22, lines 1-6.	32-36 ----- 37
Y	US 5,311,337 A (McCartney, Jr.) 10 May 1994 (10.05.1994), Figs. 4A-5B.	
Y	US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Fig. 8; and col. 15, lines 6-19.	18 and 30

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search

31 October 2003 (31.10.2003)

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### Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

#### NEW ABSTRACT

The invention provides an optical layer (Fig. 1) having an array of light guides, the light guides being arranged such that when the optical layer is superimposed on an array of pixel devices arranged in a first lattice pattern, the light guides optically guide light from the pixel devices into a second lattice pattern. The invention also provides a display device for generating a pixellated image, the device having an array of pixel devices for generating the pixellated image, wherein each pixel in the image partially overlaps with at least one other pixel.